

In the Abstract:

Please amend the Abstract as follows (the changes on these paragraphs are shown with ~~striketrough~~ for deleted matter and underlines for added matter):

An apparatus and method for interfacing a processor to one or more co-processors ~~interface is disclosed.~~ The apparatus provides a dual ported memory to be used as a message passing buffer between the processor and the ~~co-processor~~ co-processors. Both the processor and co-processors can ~~interface~~ connect asynchronously to the dual ported memory. Control logic monitors activity by the processor to alert the co-processors of communications by the processor written to the memory and otherwise ~~allow~~ allows the processor and co-processors to think they are interfacing directly with one another.